

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	("5740969" "5779149").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/11/17 13:10
S2	23	("3524474" "3648967" "4101076" "4762300" "5165653" "5209453" "5417142" "6062532" "6076800").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/11/17 13:25
S3	209	(72/374).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/17 13:26
S4	1	("6705587").PN.	USPAT	OR	OFF	2006/11/17 14:04
S5	158	(72/376).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/17 14:12
S6	133	(72/373).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/17 14:29
S7	165	(72/375).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/17 14:55
S8	866	(72/379.2).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/17 14:55
S9	36	("2858607"   "2972183"   "3145455"   "3196660"   "3761333"   "3797035"   "3808079"   "3845651"   "3886052"   "4029541"   "4030138"   "4069360"   "4071360"   "4403494"   "4430387"   "4520647"   "4525759"   "4588653"   "4711115").PN. OR ("4825680").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/19 14:43
S10	151	(29/890.13).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/18 12:11

## EAST Search History

S11	873	(239/88).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/18 12:11
S12	97	"injection valve" and collar and (deform or deforming)	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/19 14:46
S13	3	("6705587").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/19 14:46
S14	4	("5740969"   "5779149").PN. OR ("6705587").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/19 14:46
S15	0	("2004/0256499").URPN.	USPAT	AND	ON	2007/04/20 09:01
S16	374	(29/890.124).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/20 10:10
S17	697	(29/890.124,890.13).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/04/20 10:11
S18	50	S17 and (collar or disk or disc) and (defrom or deforming or stress or stressing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/04/20 10:13
S19	51	S17 and (collar or disk or disc) and (defrom or deforming or stress or stressing or prestress or prestressing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/04/20 10:26
S20	63	S17 and (collar or disk or disc) and (defrom or deforming or stress or stressing or prestress or prestressing or deformation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/04/20 12:40
S21	290	"injection valve" and (collar or disk or disc) same (defrom or deforming or stress or stressing or prestress or prestressing or deformation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/04/20 13:01
S22	217	(injection adj valve).ti. and collar	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/24 07:27

## EAST Search History

S23	96	S22 and (valve near5 collar)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/04/24 07:27
S24	6	S23 and ((deform or shape or shaping) near5 collar)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/04/24 07:28
S25	2	("6742240").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/24 14:17
S26	6	("4398164"   "4422236"   "4507631"   "4706051"   "5990763"   "6114928").PN. OR ("6742240").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/24 14:18
S27	24	("0532355"   "1187461"   "3187278"   "3277406"   "4223287"   "4245198"   "4276525").PN. OR ("4398164").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/04/24 14:19
S28	374	(29/890.124).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/25 09:25
S29	2	("5630400").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/30 09:12
S30	5	((("6131829") or ("6607178") or ("6085990") or ("5779149") or ("5740969")).PN.	USPAT	OR	OFF	2007/04/30 09:31
S31	1	("5951021").PN.	USPAT	OR	OFF	2007/04/30 09:31